

Power Cost Memorandum Fuel Cost Update

Date: **October 21, 2021**

Utility Name (Cert. No.) STEVENS VILLAGE ENERGY SYSTEMS (709)	Utility File No. PC18-0314CC	Date Filed: October 8, 2021
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PCE AMOUNT SUMMARY	Previously Approved PC18-0314BB	Staff Recommended Amount(s) and Effective Date PC18-0314CC
Class Rate	<u>Date Approved:</u> July 2, 2021	October 22, 2021
Residential	\$ 0.5459	\$ 0.5776
Community	\$ 0.5459	\$ 0.5776
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: <u>\$ 3.4525</u>	New Fuel Purchase Price: <u>\$ 3.7316</u>
<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous _____ Updated _____

Weighted Average Fuel Price/Gal. Calculation					
	Gallons		Price		
On-hand before deliv.	-	X	3.4525	=	-
Delivered	4,660	X	3.7316	=	17,389.26
	<u>4,660</u>				<u>\$ 17,389.26</u>
					Weighted Average <u>\$ 3.7316</u>

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Signed: Brenda Cox
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 10/21/21)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<u>RMP</u> RMP		
Kurber		<u>JWW</u> for KKM JWW		
Scott		<u>AGS</u> AGS		
Sullivan		<u>RMP</u> for D\$ RMP		
Wilson		<u>JWW</u> JWW		

Special Instructions to Staff:

* If this column initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

STEVENS VILLAGE ENERGY SYSTEMS

APPENDIX 1

POWER COST EQUALIZATION CALCULATION
FOR TEST PERIOD ENDING September 30, 2014
Fuel Cost Update

	PC18-0314BB	PC18-0314CC	
	Prior Commission Approval	Utility Request	Staff Recommended
A. Total kWh Generated	161,848	161,848	161,848
B. Total kWh Sold (Appendix 2)	142,419	142,419	142,419
C. Total Non-Fuel Costs (Appendix 2)	\$51,569	\$51,569	\$51,569
D. Non-Fuel Cost/kWh (C / B)	\$0.3621	\$0.3621	\$0.3621
E. Total Fuel Costs (Appendix 2)	\$58,789	\$63,542	\$63,542
F. Fuel Costs/kWh (E / B)	\$0.4128	\$0.4462	\$0.4462
G. Eligible Costs/kWh (D + F)	\$0.7749	\$0.8083	\$0.8083
H. Eligible Cost/kWh (G) Less 20.03 cents/kWh	\$0.5746	\$0.6080	\$0.6080
I. Lesser of (H) or 79.97 cents/kWh	\$0.5746	\$0.6080	\$0.6080
J. Average Class Rates (Appendix 3)			
Residential	\$0.8697	\$0.8697	\$0.8697
Community	\$0.8997	\$0.8997	\$0.8997
Class Power Cost Equalization Per kWh Payable			
K. Lesser of: (I) x 95% or (J)			
Residential	\$0.5459	\$0.5776	\$0.5776
Community	\$0.5459	\$0.5776	\$0.5776
L. Funding Level in Effect	100%	100%	100%
Residential	\$0.5459	\$0.5776	\$0.5776
Community	\$0.5459	\$0.5776	\$0.5776

PC18-0314CC
Appendix 1

STEVENS VILLAGE ENERGY SYSTEMS

APPENDIX 2

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY
FOR TEST PERIOD ENDING September 30, 2014
Fuel Cost Update

			PC18-0314BB	PC18-0314CC	
			Prior Commission Approval	Per Utility	Per Staff
Non-Fuel Costs:					
A.	Personnel Expense		34,630	34,630	34,630
B.	Operating Expense		11,487	11,487	11,487
C.	General & Administrative		1,933	1,933	1,933
D.	Depreciation Expense		3,519	3,519	3,519
E.	Interest Expense		-	-	-
F.	Total Non-Fuel Costs		\$51,569	51,569	\$51,569
Fuel Costs:					
G.	Gallons Consumed for Electric Generation		17,028	17,028	17,028
H.	Price of Fuel:(per gal)				
	Weighted Average		\$3.4525	\$3.7316	\$3.7316
I.	Total Cost of Fuel		\$58,789	\$63,542	\$63,542
J.	kWh Generated		161,848	161,848	161,848
K.	kWh Sales		142,419	142,419	142,419
L.	kWh Station Service		Not Reported	Not Reported	Not Reported
M.	Efficiency (J/G)	≥ <u>Standard</u> 10.5	9.50	9.50	9.50
N.	Line Loss	≤ 12%	12.00%	12.00%	12.00%
(KWh Generated -kWh sold)/kWh Generated					

On Hand		X	\$3.4525	=	Weighted
Delivered	4,660	X	\$3.7316	=	Avg
	4,660				\$3.7316

PC18-0314CC
Appendix 2

CALCULATION OF AVERAGE CLASS RATE PER kWh

 Rate Schedule: **Residential**

Customer Charge (CC): 0

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2003
0 to 500	1.0700	0.0000	1.0700	535.0000		
to						
to						
to						
Max 500			Total	535.0000	1.0700	0.8697

 Rate Schedule: **Community Facility**

Customer Charge (CC): 0

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2003
0 to	1.1000	0.0000	1.1000	550.0000		
to						
to						
to						
Max 500			Total	550.0000	1.1000	0.8997

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2003
0 to						
to						
to						
to						
Max 500			Total			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2003
0 to						
to						
to						
to						
Max 500			Total			

Stevens Village Energy Systems

	Date	Gallons	Cost per Gallon	Delivery/ Mark-Up per Gallon	Total Cost
Beginning Fuel Inventory		-			
Last Approved Fuel Cost/Gal.			3.4525		
Beginning Fuel Inventory in Gallons X Last Approved Fuel Cost/Gal. = Beginning Fuel Inventory					\$ -
Reporting Period Purchases	08/27/21	4,660.0	3.7316		\$ 17,389
					\$ -
Totals for Reporting Period Purchases on this sheet:		4,660			\$ 17,389
Grand Totals (beginning inventory plus purchases)		<u>4,660</u>			<u>\$ 17,389</u>
Total Cost for Reporting Period divided by Total Gallons for Reporting Period =					<u>3.7316</u>
Grand Total Cost divided by Grand Total Gallons =					<u>3.7316</u>

Staff included the Federal LUST Tax of \$0.001, Federal Oil Spill Tax of \$0.0021, and the AK State Fuel Surcharge of \$0.0095 in the cost per gallon listed above. The taxes show on the invoices from Everts Air Fuel and should be included in the cost of fuel.

Signature: 

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Signature: 

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Signature: Janis W. Wilson
Janis W. Wilson (Oct 21, 2021 11:22 AKDT)

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